

Converting Colors

RGB(162, 175, 113)

Have a look what the booklet for
RGB(162, 175, 113) contains.

RGB(162, 175, 113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(162, 175, 113)

Conversions

Conversions Part 1

Format	Color
Hex	A2AF71
RGB	162, 175, 113
RGB Percent	64%, 69%, 44%
CMY	0.3647, 0.3137, 0.5569
CMYK	0.07, 0.00, 0.35, 0.31
HSL	73°, 28%, 56%
HSV	73°, 35%, 69%
XYZ	33.2109, 39.5336, 21.5031
YIQ	164.0450, 12.1540, -22.0380

Conversions

Conversions Part 2

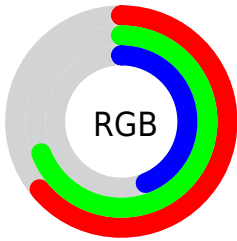
Format	Color
RYB	113, 175, 126
Decimal	10661745
CIELab	69.14, -14.80, 30.32
CIELCh	69, 33.735, 116.016
Yxy	39.5336, 0.3524, 0.4195
Android (android.graphics.Color)	4288851825 (0xFFA2AF71)
YUV	164.0450, -25.1652, -1.7935
Hunter-Lab	62.8757, -15.7490, 23.7362

Details

The RGB color **162, 175, 113** is a light color, and the websafe version is hex **999966**. A complement of this color would be **126, 113, 175**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **218, 231, 165**, and **109, 123, 64** is the 20% darker color. If you saturate the color by 10%, you get **158, 175, 96**, and if you desaturate by 10%, it is **166, 175, 131**.

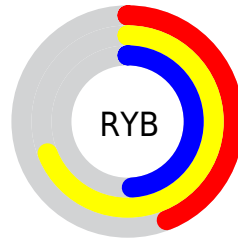
Distribution



Red (64%)

Green (69%)

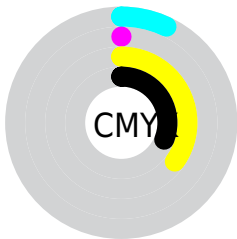
Blue (44%)



Red (44%)

Yellow (69%)

Blue (49%)

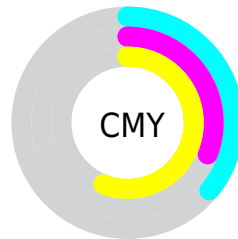


Cyan (7%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (36%)


Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 175, 113 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 162, 175, 113 by changing the saturation by 10% instead.

 162, 175, 113


255, 255, 255

 218, 231, 165

 246, 255, 193

 255, 255, 221

 255, 255, 250

 162, 175, 113


 135, 148, 88

 109, 123, 64

 84, 98, 41


 60, 74, 18

 38, 51, 0

 12, 30, 0


 0, 0, 0

 162, 175, 113


 158, 175, 96


 162, 175, 113

 166, 175, 131

 155, 175, 78

 169, 175, 148


 151, 175, 60

 173, 175, 166


 147, 175, 43

 177, 175, 183

 144, 175, 25


 180, 175, 201

 140, 175, 8

 184, 175, 218

 138, 175, 0

 188, 175, 235

 191, 175, 253

 195, 175, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 165, 108



162, 175, 113



126, 182, 134

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162, 175, 113



75, 181, 219



225, 146, 174

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



162, 175, 113



126, 113, 175

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204, 152, 203



162, 175, 113



120, 173, 229

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162, 175, 113



61, 185, 194



167, 162, 224



229, 147, 143

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162, 175, 113



101, 184, 153



167, 162, 224



220, 147, 184

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



162, 175, 113



222, 227, 202



175, 125, 113



112, 115, 100



242, 242, 242



115, 115, 115

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162, 175, 113



206, 227, 129



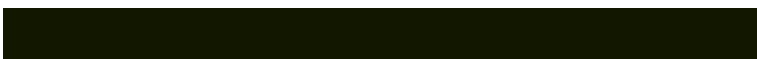
132, 175, 113



85, 87, 78



119, 150, 0



18, 23, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



126, 113, 175



150, 129, 227



156, 113, 175



80, 78, 87



32, 0, 150



5, 0, 23

Previews

White Background



This preview shows how the RGB color 162, 175, 113 looks on a white background.

Color Contrast Check

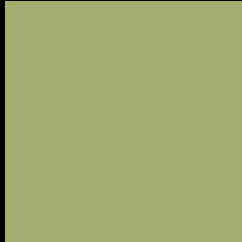
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 162, 175, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

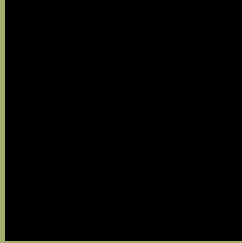
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 162, 175, 113 Background



This preview shows how black text looks on a background with the RGB color 162, 175, 113.



This preview shows how white text looks on a background with the RGB color 162, 175, 113.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
162, 175, 113

Protanopia
183, 169, 110

Deuteranopia
201, 161, 116



Tritanopia
171, 167, 180

Trichromacy



Original Color
162, 175, 113

Protanomaly
175, 171, 111

Deuteranomaly
187, 166, 115

Tritanomaly
168, 170, 156

Monochromacy



Original Color
162, 175, 113

Achromatopsia
164, 164, 164

Achromatomaly
163, 168, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 175, 113 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 175, 113)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 175, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 113) }
```

Border

The CSS property to change the border of an element to RGB 162, 175, 113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 175, 113) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(162, 175, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(162, 175, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 113);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 162, 175, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
175, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor